

PARTNER-CTR Setup Manual

Read this guide before connecting the PARTNER-CTR series to your computer.

This manual describes how to connect the PARTNER-CTR to the computer, and how to install and set up device drivers for each operating system.

Interfaces Described in This Manual

USB interface

Operating Systems Described in This Manual

Windows XP

Windows Vista

Windows 7

- The content and specifications of this product may be modified without prior notice.
- Although every care has been taken in the production of this product, Kyoto Microcomputer Co., Ltd. cannot be held responsible for any consequences of the use of this product.

Kyoto Microcomputer Co., Ltd.

Cautions

Cautions and notes about hazards are indicated with the following symbols.



A general note or warning that cannot be specifically identified.



Improper use may cause an electric shock.



Improper use may cause smoke or fire.

For your safety when using this product, follow the instructions in this manual.



Do not use the product if any smoke, odor, or noise occurs.

If smoke, odor, or noise occur, immediately turn off the BT. POWER switch and disconnect the power plug from the outlet. Using the product in such conditions may cause a fire or an electric shock.



Do not disassemble, repair, or alter the product.

Except for changing batteries, do not disassemble, repair, or alter the product. Doing so may cause not only a malfunction, but also an electric shock, burn, or personal injury.



Keep foreign matter (such as liquids or metal objects) away from the product.

Do not let any form of liquid (such as coffee) or foreign matter (such as pins or paperclips) enter the product. Doing so may cause an electric shock or a fire.



Do not touch the product and power plug with a wet hand.

Do not touch the product and power plug while your hands are wet. Doing so may cause an electric shock.



Use the provided AC adapter and power cord only.

Use the provided AC adapter and power cord. If you use other adapters or cords, a fire or an electric shock may occur.



Do not place the product in a dusty or humid place.

Do not place the product in a dusty or humid place, or expose the product to direct sunlight. Doing so may cause a malfunction or a fire.



Do not pull the cord.

Do not pull the power cord forcibly. Doing so may cause an electric shock or a fire.



Do not put heavy objects on the product, or apply pressure to the product.

Do not put heavy objects on the product, or apply pressure to the product. Doing so may cause a malfunction or a fire.



Do not drop the product or apply vibration or shock.

Do not drop the product from a significant height, or apply vibration or shock. Doing so may cause a malfunction.



Avoid rapid changes in temperature and humidity.

Do not expose the product to rapid changes in temperature and humidity. Rapid changes in temperature or humidity may cause a malfunction.

Notice

- Accessories that are used with the module and the host must bear the FCC logo or comply with the relevant FCC/IC regulations. The following conditions must be considered.
 1. Cables between monitor and host may be considered if the manufacturer of the monitor does not provide them.

TechCraft	Model: CDVI-MMDL2M
Cables To Go (C2G)	Model: 40296
Cables Unlimited	Model: PCM-2285-06
 2. The package for the host includes a cable for the Classic Controller (KUMI C model RVL-005(-05)) with the ferrite cores.

The accessories do not comply with the FCC/IC regulations when used with the host. Cables and accessories other than those listed could void the user's authority to operate the equipment.

module: DWM-W028(FCCID EW4DWMW028/IC 4250A-DWMW028)

host : PARTNER-CTR Debugger / Capture / CaptureDebugger

Regulatory Statement

--- U.S.A & Canada ---

- CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This Class A digital apparatus complies with the Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

- RF exposure compliance

1) To comply with FCC/IC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

2) This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

- RSS-210 Low Power Device

Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

- According to RSS-Gen 7.1.4:

This device has been designed to operate with the following antennas, with a maximum gain of 2.62 dB. Antennas not included in this list or having a gain greater than 2.62 dB are strictly prohibited for use with this device.

The required antenna impedance is 50 ohms.

Detachable antenna: DN57 2.4GHz SMA-PR

To reduce potential radio interference to other users, choose the antenna type and its gain so that the equivalent isotropically radiated power (EIRP) is not more than is required for successful communication.

--- EU---

- We declare, under our sole responsibility, that the products identified in this declaration are in conformity with the requirements of the following Council Directives.
1999/05/EC on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

2006/95/EC on the harmonization of the laws of the Member States relating to the Low Voltage Directive.

2002/96/EC on the approximation of the laws of the Member States relating to the Waste Electrical and Electronic Equipment Directive.

2002/95/EC on the approximation of the laws of the Member States relating to the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Safety : EN60950-1:2006/A11:2009

EMC : EN 301 498-1 V1.8.1

EN 301 498-17 V2.1.1

EN 55022:2006+A1:2007

EN 61000-3-2:2006

EN 61000-3-3:1995+A1:2001+A2:2005

EN 55024:1998+A1:2001+A2:2003

R&TTE: ETSI EN 300 328 V1.7.1

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Phone: +81 75-335-1050 Fax: +81 75-335-1051
Kyoto Microcomputer Co., Ltd. (KMC)

- About destruction within the EU region:

The use of the WEEE symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help protect the environment. For more detailed information about the recycling of this product, please contact your local authority, your household waste disposal service provider, or the shop where you purchased the product.



--- Australia ---



ACN 060 566 083

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1. Introduction

1.1. Accessories

The following accessories are supplied with the PARTNER-CTR. Make sure you have all of these accessories.

- | | | |
|---|--------|-----------------|
| 1. PARTNER-CTR Setup Manual | 1 | |
| 2. PARTNER-CTR Main Unit | 1 | |
| 3. PARTNER-CTR Controller | 1 | |
| 4. Cable for the PARTNER-CTR Controller | 2 | |
| 5. Classic Controller for Debugging (Classic KUMI Controller) | 1 | 1 (See Note 1.) |
| 6. Radio Aerial (DN57 2.4GHz SMA-PR) | 1 | |
| 7. Power Adapter | 1 | |
| 8. IrDA Module (+Connector, Extension Cable) | 1 | |
| 9. USB Cable | 1 or 2 | (See Note 2.) |
| 10. Ferrite Cores (RFC-4/KITAGAWA INDUSTRIES CO.,LTD.) | 1 *1) | |

Note 1 Not included with the PARTNER-CTR Capture Debugger.

Note 2: Two cables are included only with the PARTNER-CTR Capture Debugger.

Note: The PARTNER-CTR software is **NOT** bundled with the hardware. You must download the installer from the [developer tool download site](#).

1.2. Operating Environment

The following environment is required in order to use the debugger software.

Table 1 Operating Environment for the Debugger Software

Operating System	Windows XP (SP3 or later) / Vista / 7 (32-bit or 64-bit)
Memory Capacity	1 GB or more (recommended)
Disk Capacity	100 MB or more free space
Display	XGA (1024 × 768 pixels) or higher resolution

The following environment is required in order to use the capture software.

Table 2 Operating Environment for theCapture Software

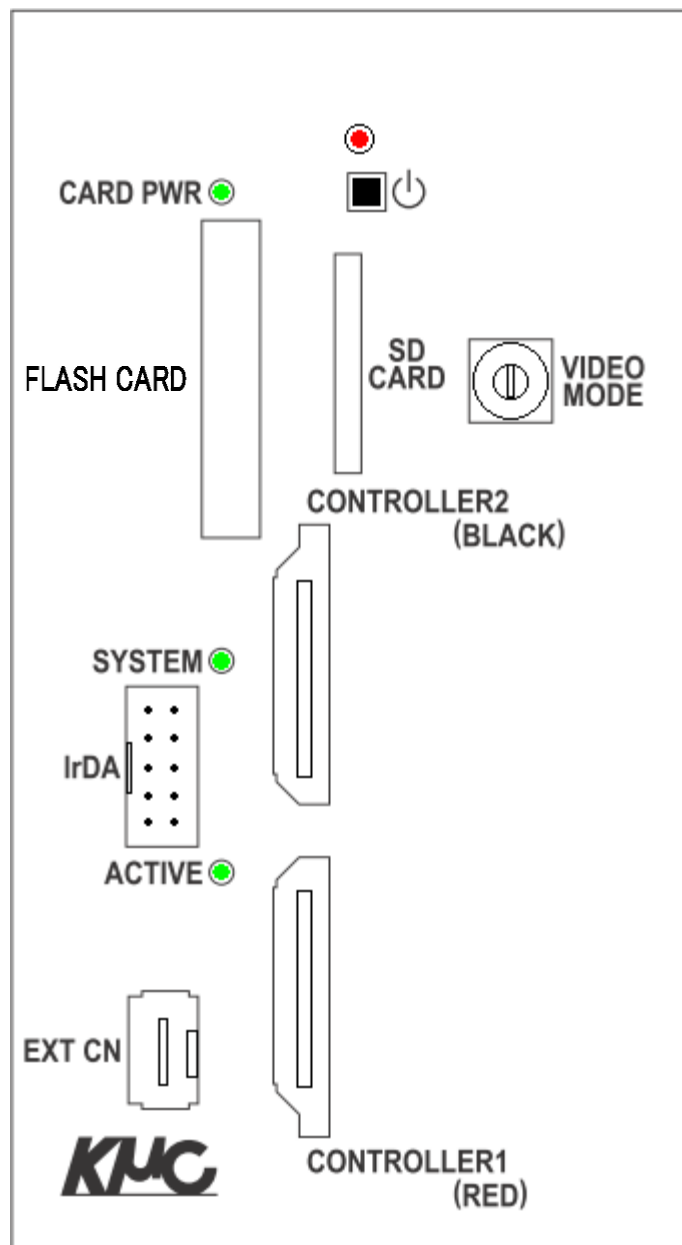
Operating System	Windows XP (SP3 or later) / Vista / 7 (32-bit or 64-bit)
CPU	To use capturing video: 2 or more Core CPU, 2GHz (required) / 2.8GHz or more (recommended)
Memory Capacity	1 GB (required) / 2 GB (recommended)
Disk Capacity	50 MB or more free space
Display	XGA (1024 × 768 pixels) or higher resolution

1.3. PARNER-CTR Panels

Front Panel

The front panel contains switches, card slots, controller connectors, and other controls.

Figure 1-1 Front Panel



Power LED (Red)

Lights up while the unit is powered on.

Power Switch (🔌)

The power switch is a push-button. Pressing the button turns on the power.
KCSUP150525

Turn off the power by pressing the button for a long time (about 3 to 5 seconds).

Card Power LED (CARD PWR)

Lights up while the card is powered on.

CTR Flash Card Slot (FLASH CARD)

Insert the CTR Flash Card.

SD Card Slot (SD CARD)

Insert the SD Card for CTR.

Video Mode (VIDEO MODE) (Capture/Capture Debugger Only)

A rotary switch used for the capture function. Rotate it to change the video display format output to DV OUT1, DV OUT2, or AV OUT.

System LED (SYSTEM)

Blinks while the PARTNER-CTR is in an abnormal state or the update process is running.

Active LED (ACTIVE)

Blinks when the PC is accessing the unit.

Controller 1 Connector (CONTROLLER1 RED)

Connect the controller to this connector using the included cable with red lines. (See **Figure 2-6.**)

Controller 2 Connector (CONTROLLER2 BLACK)

Connect the controller to this connector using the included black cable.

IrDA Connector (IrDA)

Connect an IrDA module to this connector.

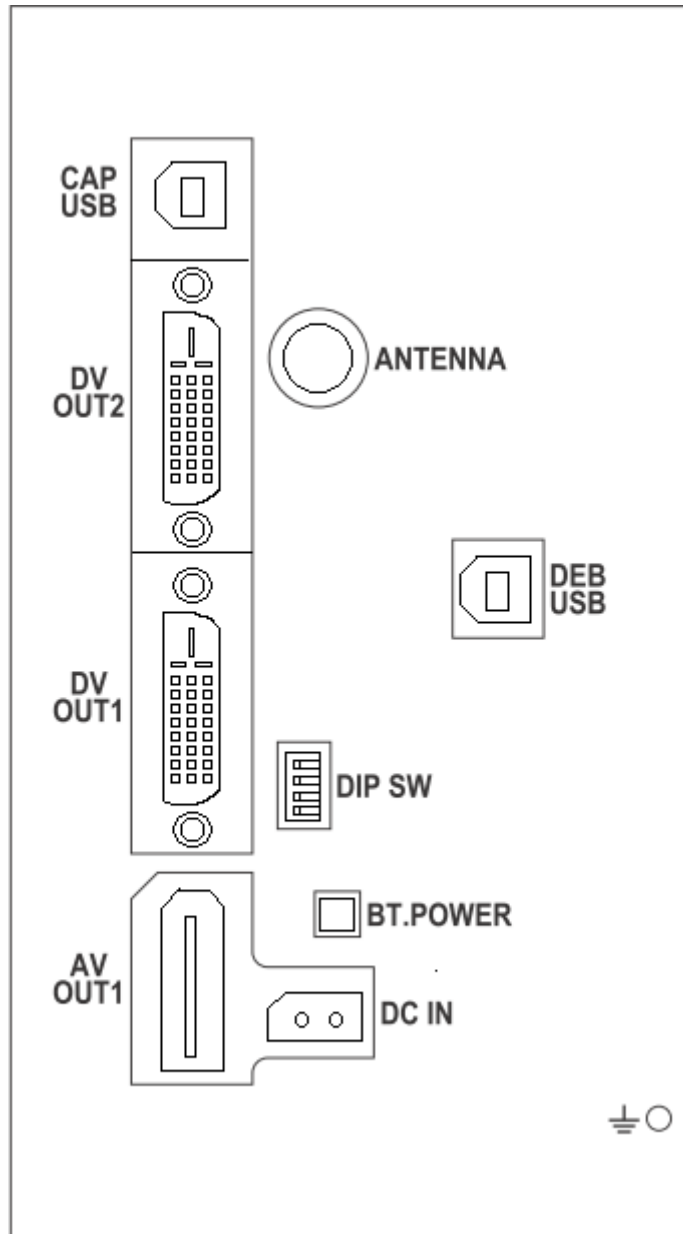
Debug Controller Connector (EXT CN) (Debugger/Capture Debugger Only)

Connect the Classic Controller for debugging.

Rear Panel

The rear panel contains a USB connector for connecting the hardware to a host interface in addition to a DC jack for connecting the hardware to an external power source. The PARTNER-CTR Capture and PARTNER-CTR Capture Debugger also have a video output.

Figure 1-2 Rear Panel



USB Connector for the Capture (CAP USB) (Capture/Capture Debugger Only)

Connect a USB cable to this connector to use the capture function.

Video Out 1 (DV OUT1) (Capture/Capture Debugger Only)

Video Out 2 (DV OUT2) (Capture/Capture Debugger Only)

Connect a DV cable to output monitor signals.

Analog/Audio Out (AV OUT1) (Capture/Capture Debugger Only)

Connect an analog/audio cable. (AV cables for the Nintendo Wii can be used.)

Antenna Connector (ANTENNA)

Connect a wireless LAN antenna (DN57 2.4GHz SMA-PR) supplied with the product.

USB Connector for the Debugger (DEB USB) (Debugger/Capture Debugger Only)

Connect a USB cable to this connector to use the debugger function.

DIP Switches (DIP SW)

All switches are OFF by default. Do not change the default settings at this point.

Battery Power Switch (BT.POWER)

If this switch is turned off (released), all power, including the backup power for the control processor of the game console, is turned off. If this switch is turned off while the main unit is powered on, the main unit is also powered off. The stored backup data is also initialized.

If the switch is pressed when it is off, the switch turns on.

Power Connector (DC IN)

Connect the power adapter supplied with the product.

Ground Connector ()

Connect a ground wire to this connector.

1.4. Changing Batteries

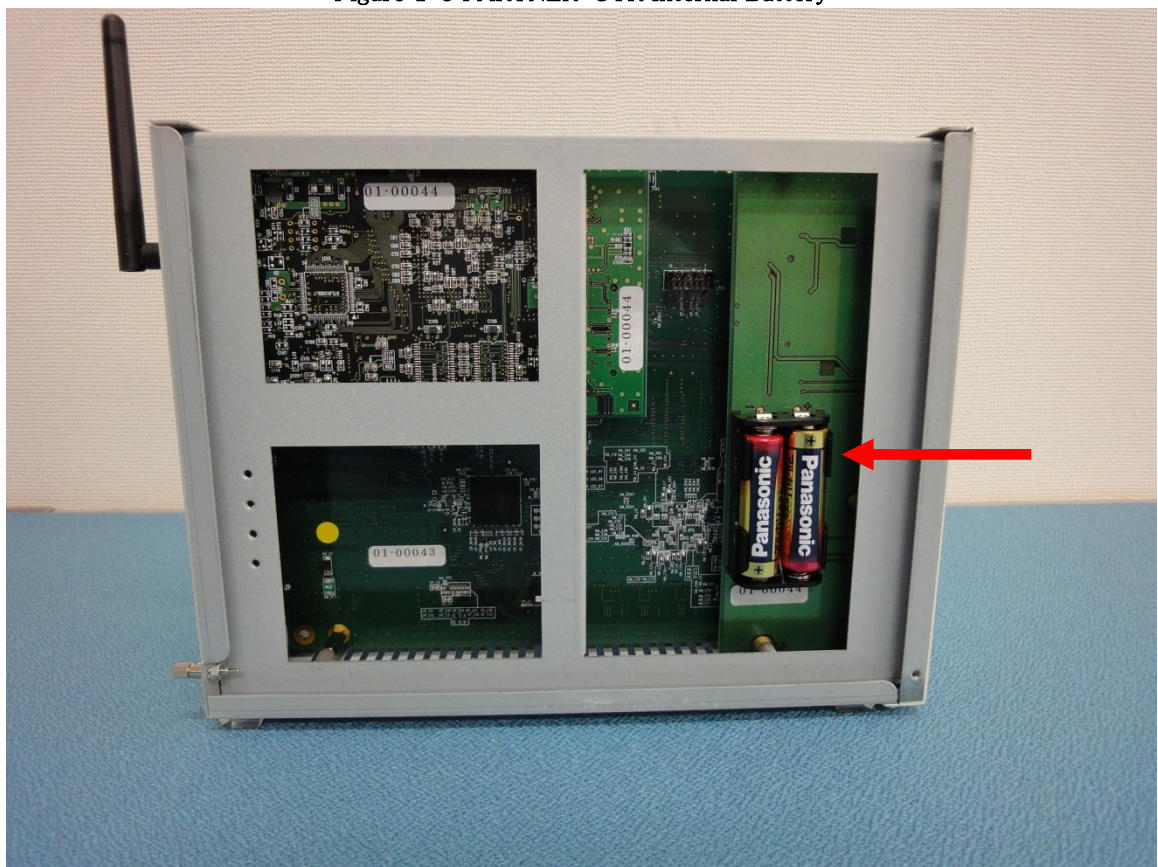
AA batteries are housed in the main unit as a backup. If these batteries run out, the main unit cannot be powered on and the backup data will be lost.

Typical battery life is between 1 and 1.5 years, but we recommend changing the batteries periodically.

To replace the batteries, loosen the screws on the left, right, front, and rear panels (one screw per panel, four screws overall), and then slide up the top cover. Replace the two AA batteries in the battery holder located inside with new ones, and then put the case back together.

Note: To turn off the main unit, make sure to press the power switch for at least 3 to 5 seconds. If you turn off the power incorrectly, such as by pulling out the power adapter, the internal batteries will be used up.

Figure 1-3 PARTNER-CTR Internal Battery



1.5. Setup Procedure

This section provides an overview of the PARTNER-CTR setup procedure for first-time users. Use this procedure to set up the PARTNER-CTR.

1. Connecting the PARTNER-CTR

Connect the PARTNER-CTR to peripheral devices, and to a PC via USB. For more information, see Chapter 2 Connecting the PARTNER-CTR.

2. Installing the Software

For debugging using the PARTNER-CTR, you must install the debugger software. For capturing, you must install the capture software. For more information, see Chapter 3 Installing and Uninstalling the PARTNER-CTR Software.

3. Starting the Software

To use the debugger software or capture software, you must install the drivers for the corresponding software. (You must install drivers only when turning on power for the first time.)

After that, you can use the shortcut in the Start menu. For more information, see Chapter 4 Starting the PARTNER-CTR Software.

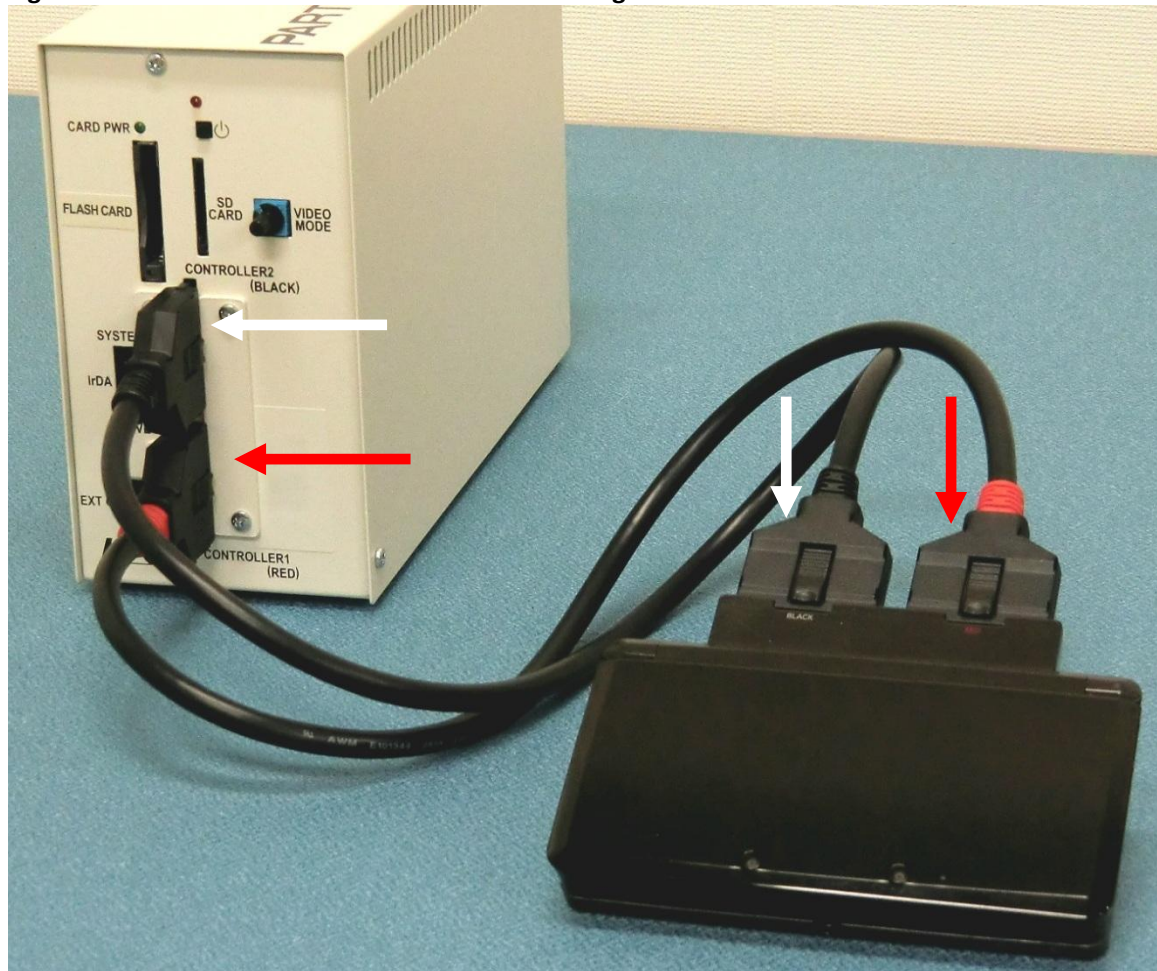
2. Connecting the PARTNER-CTR

2.1. Connecting the Controller

Connect the PARTNER-CTR controller to the PARTNER-CTR main unit with the supplied controller cable.

Connect the red cable to the CONTROLLER1 (RED) connector on the main unit, and connect the other end to the RED connector of the controller. Use the other black controller cable to connect the CONTROLLER2 (BLACK) connector on the main unit to the BLACK connector of the controller.

Figure 2-1 Connecting the Controller



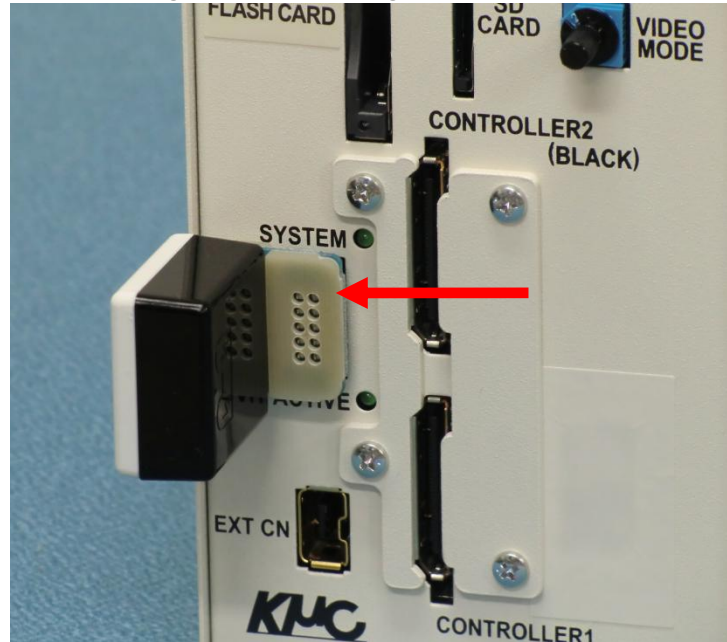
2.2. Connecting Peripheral Devices

Connecting the IrDA Module

To use an IrDA module, connect the IrDA module to the IrDA connector.

The conversion connector is connected to the IrDA module by the factory default. Please connect the IrDA module to the IrDA connector as is.

Figure 2-2 Connecting the IrDA Module



An extension cable is also included in PARTNER-CTR.

If you want to use the IrDA module far from the main unit, remove the conversion connector from the IrDA module, connect the extension cable to the module, and connect it to the IrDA connector.

Figure 2-3 IrDA Module, Conversion Connector, and Extension Cable

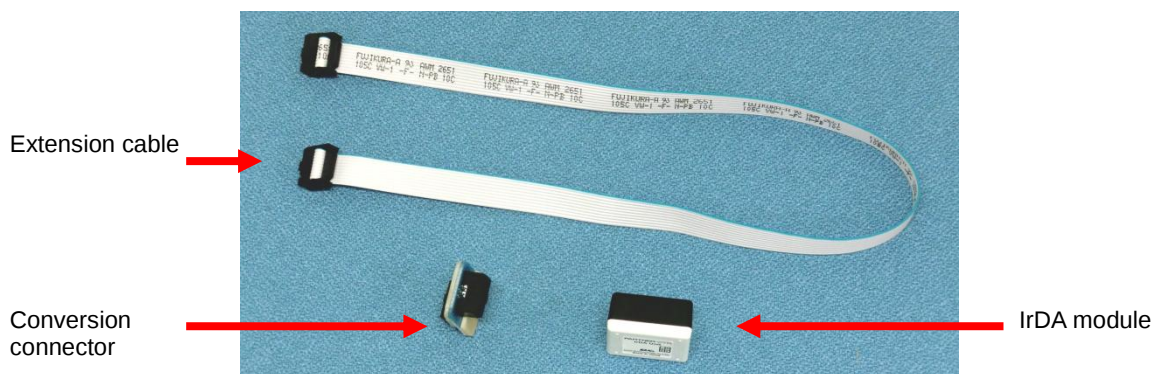
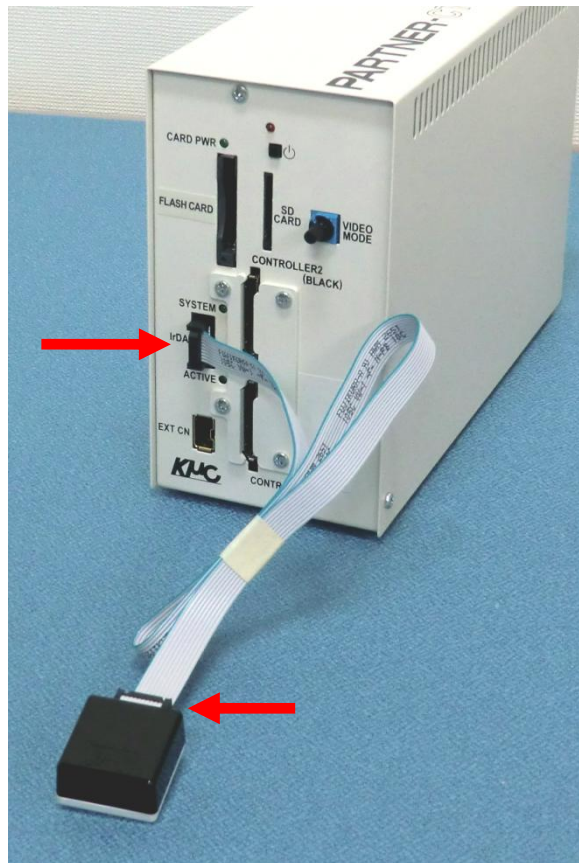


Figure 2-4 Connecting the IrDA Module With the Extension Cable



Connecting the Radio Aerial

To use WLAN, connect the included radio aerial (DN57 2.4GHz SMA-PR) to the ANTENNA connector.

Figure 2-5 Connecting the Radio Aerial



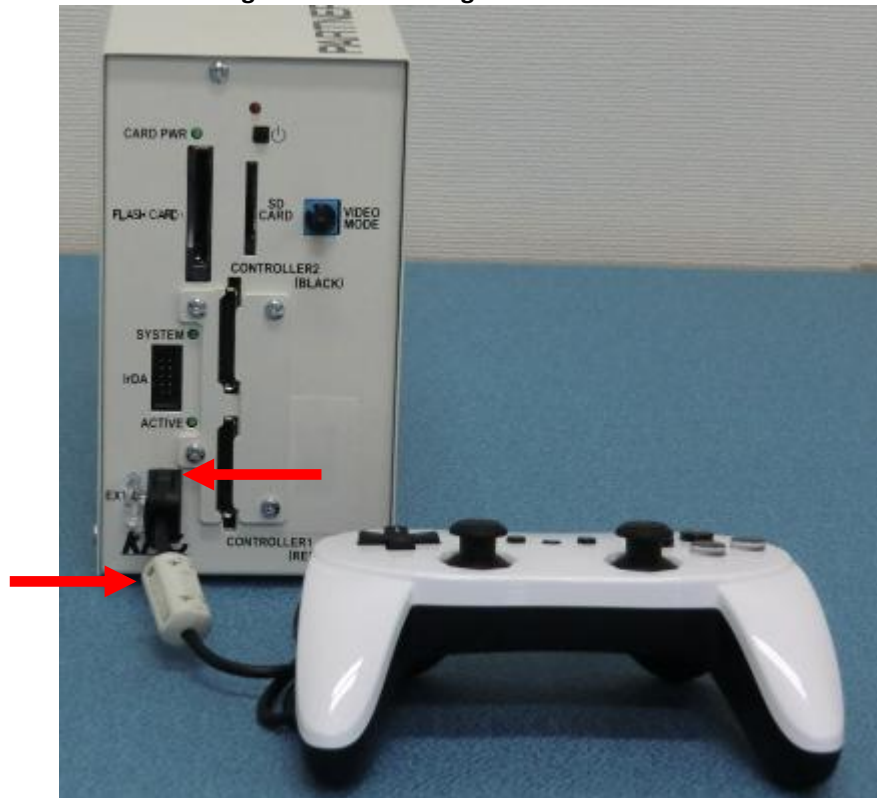
Connecting the Classic Controller (Debugger / Capture Debugger Only)

To use debug HID, connect the included classic controller to the EXT CN connector. Attach the ferrite cores (made by KITAGAWA Corporation) to the cable on the classic controller.

KCSUP150525

The ferrite core is set up at the position of 20 mm by the EXT CN connector. (See Figure 2-6.)

Figure 2-6 Connecting the Classic Controller



2.3. Connecting to the PC

Connecting to USB

For debugging, connect the USB cable to the DEB USB connector, and connect it to the PC.

Figure 2-7 Connecting to DEB USB



For capturing, connect the USB cable to the CAP USB connector, and connect it to the PC.

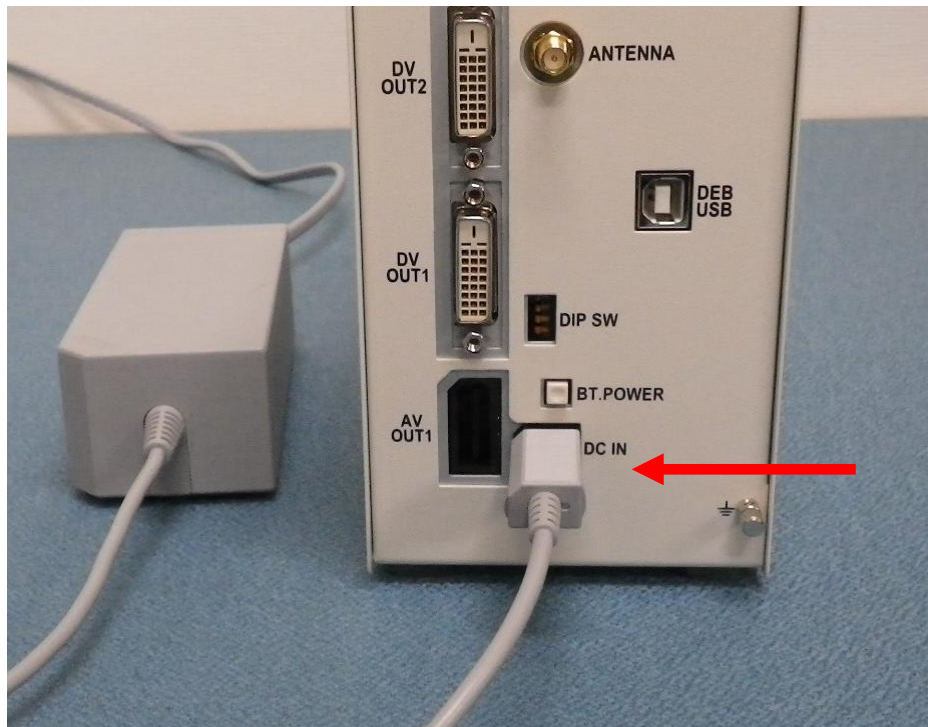
Figure 2-8 Connecting to CAP USB



Connecting the Power Supply

Plug in the power adapter, and connect it to the DC IN connector.

Figure 2-9 Connecting the Power Supply



3. Installing and Uninstalling the PARTNER-CTR Software

You must install the debugger software to perform source debugging, and the capture software to perform capturing on PARTNER-CTR.

3.1. Installing the PARTNER-CTR Debugger Software

Start Windows XP/Vista/7 and install the PARTNER-CTR.

Downloading the Setup Program

The PARTNER-CTR software is **NOT** included with the hardware. You must download the Setup program from the [developer tool download site](#).

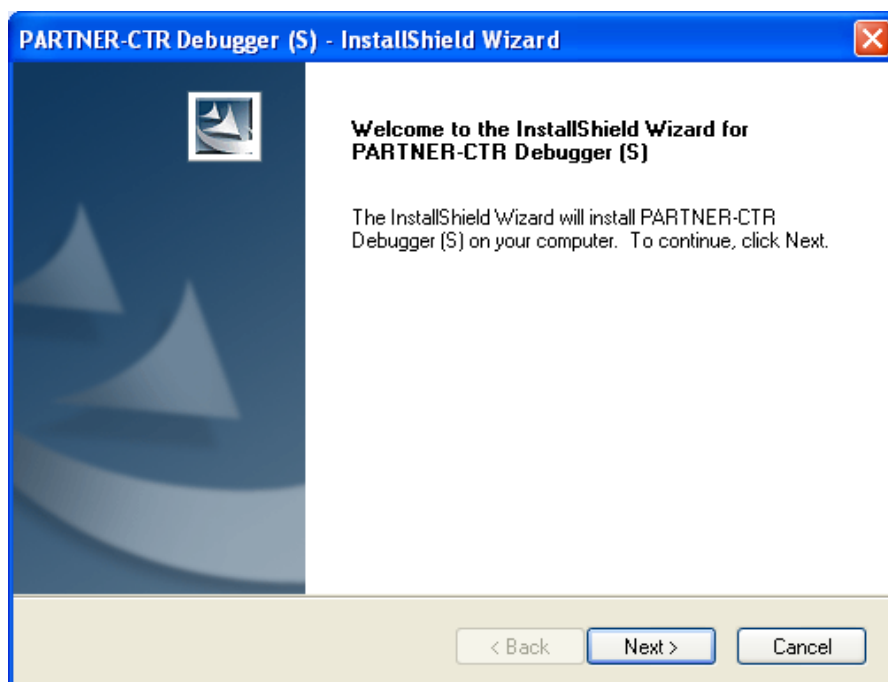
Starting the Setup Program

To install the PARTNER-CTR, run the Setup program (PARTNER_CTR_XXX.EXE) that you downloaded in the previous step. (See Figure 3-1.) Follow the instructions in the Setup program.

When the installation process is complete, a shortcut icon for the PARTNER-CTR appears in the Start menu.

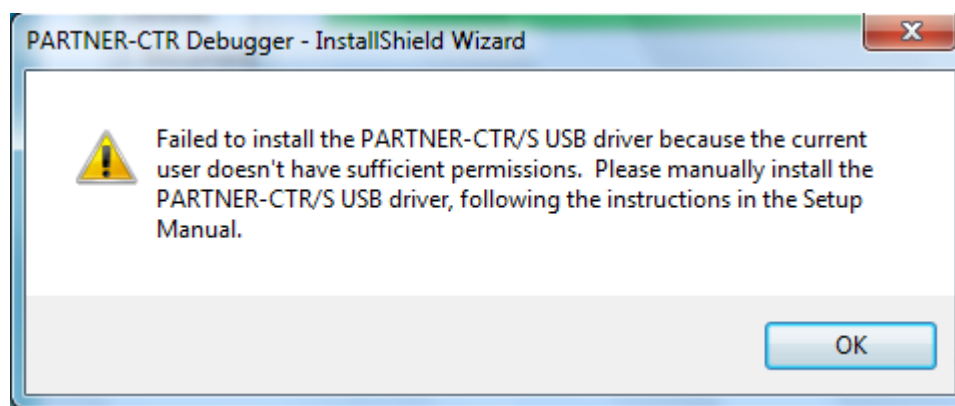
Note Be sure to store the Setup program for the PARTNER-CTR somewhere safe after installation has completed.

Figure 3-1 Screen Displayed During Installation



If the user performing the setup procedure does not have administrator rights, a message shown in may appear and the USB drivers may not be installed. To install the USB driver when this occurs, see Section 5.1 Manually Installing Drivers in Windows Vista and Windows 7.

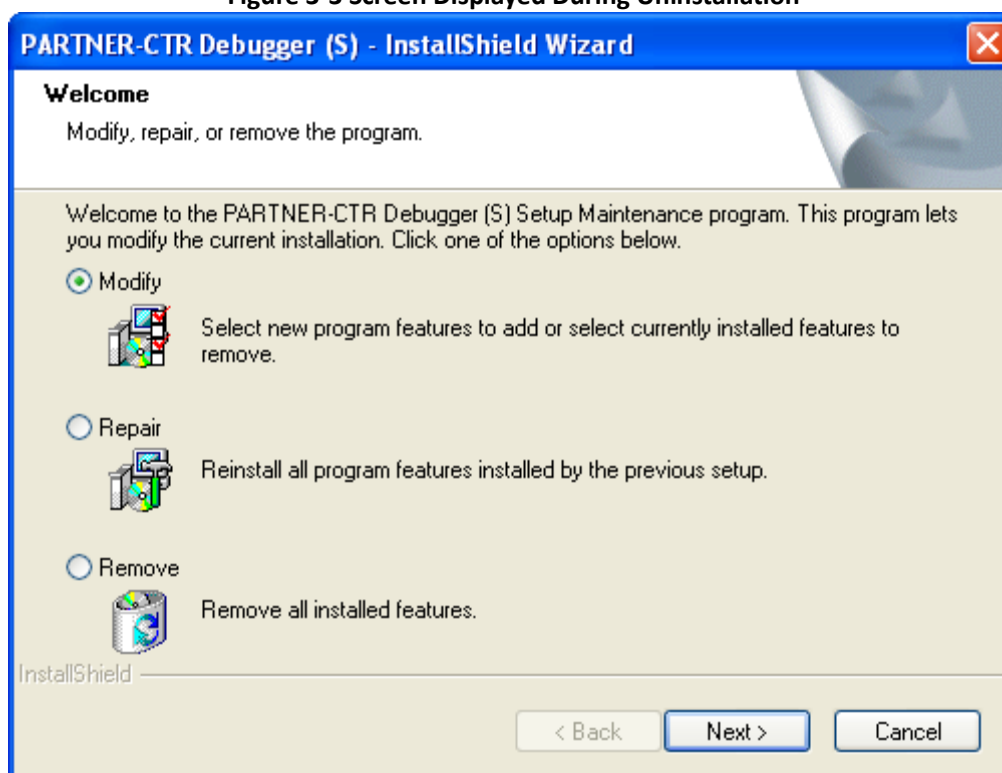
Figure 3-2 Message Displayed During Setup



3.2. Uninstalling the PARTNER-CTR Debugger

In Control Panel, double-click **Add or Remove Programs**. In the list of programs, select **PARTNER-CTR** and then click **Remove**.

Figure 3-3 Screen Displayed During Uninstallation



3.3. Installing the PARTNER-CTR Capture Software

Start Windows XP/Vista/7 and install the PARTNER-CTR Capture software.

Downloading the Setup Program

The capture software is **NOT** included with the hardware. You must download the Setup program from the **DEVELOPER TOOL DOWNLOAD SITE**.

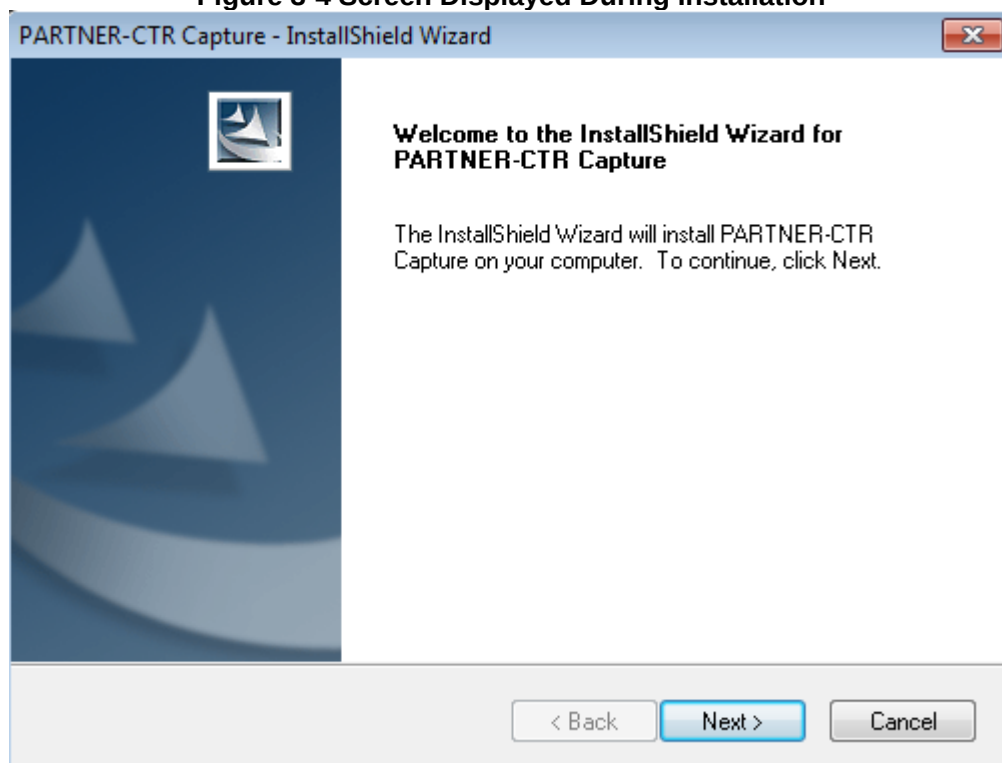
Starting the Setup Program

To install the PARTNER-CTR, run the Setup program (PARTNER-CTR-CAPTURE_XXXX.exe) that you downloaded in the previous step. (See .) Follow the instructions in the Setup program.

When the installation process is complete, a shortcut icon for the capture software appears in the Start menu.

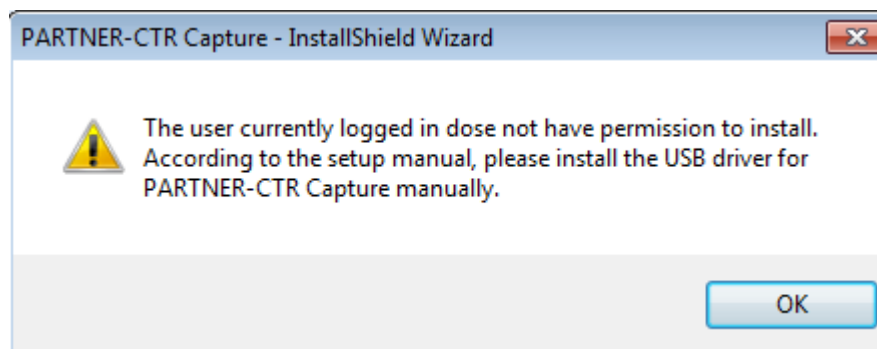
Note Be sure to store the Setup program for PARTNER-CTR Capture somewhere safe after installation has completed.

Figure 3-4 Screen Displayed During Installation



If the user performing the setup procedure does not have administrator rights, a message shown in Figure 3-5 may appear and the USB drivers may not be installed. To install the USB driver when this occurs, see Section 5.1 Manually Installing Drivers in Windows Vista and Windows 7.

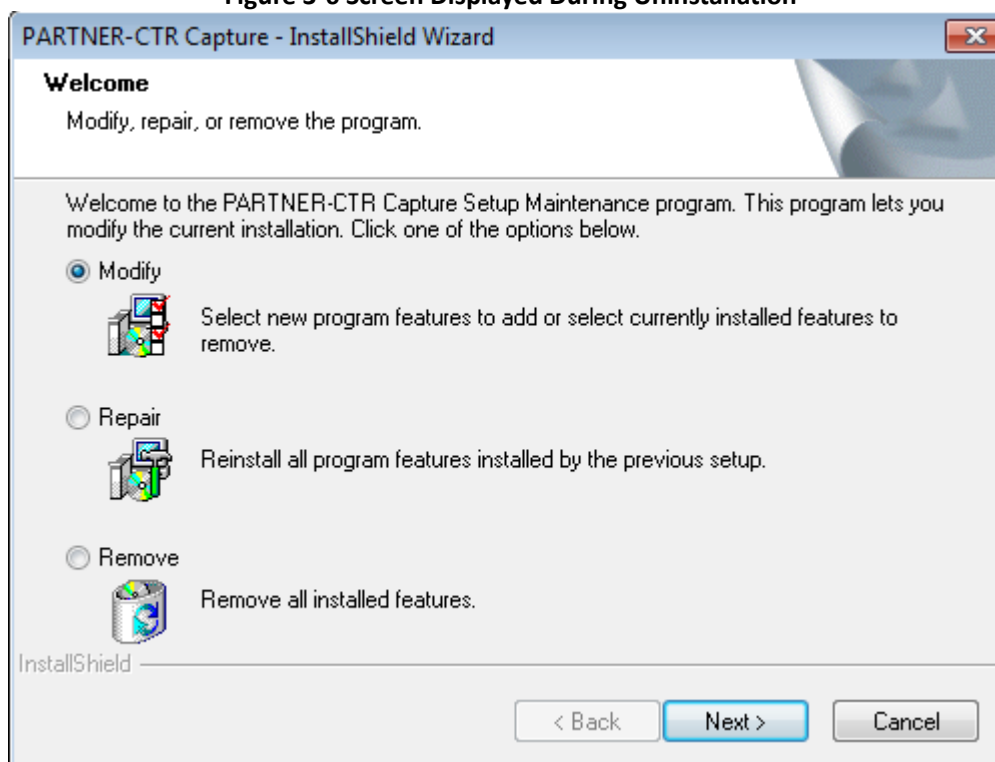
Figure 3-5 Message Displayed During Setup



3.4. Uninstalling the PARTNER-CTR Capture Software

In Control Panel, double-click **Add or Remove Programs**. In the list of programs, select **PARTNER-CTR Capture** and then click **Remove**.

Figure 3-6 Screen Displayed During Uninstallation



3.5. Silent Install

You can install PARTNER-CTR Software without UI operation, called Silent Install. To do this, you have to record UI operations to a file. You can do Silent Uninstall in a similar way.

Record UI Operation

To Record UI operation, open a command prompt window and run the Setup program (e.g. PARTNER-CTR_XXX.exe) with arguments (-r -f1<filename to record UI>).

Example:

➤ PARTNER-CTR_5_71_051_20150525.exe -r -f1C:\inst.iss

Then do the UI operations for silent install.

Note Record UI operations for PARTNER-CTR Debugger Software and HOSTIO installation individually.
(Select "NO" to query "Install HOSTIO" at Debugger Installation.)

Silent Install

To do Silent Install, open a command prompt window and run the Setup program (e.g. PARTNER-CTR_XXX.exe) with arguments (-s -f1<filename to record UI>).

Example:

➤ PARTNER-CTR_5_71_051_20150525.exe -s -f1C:\inst.iss

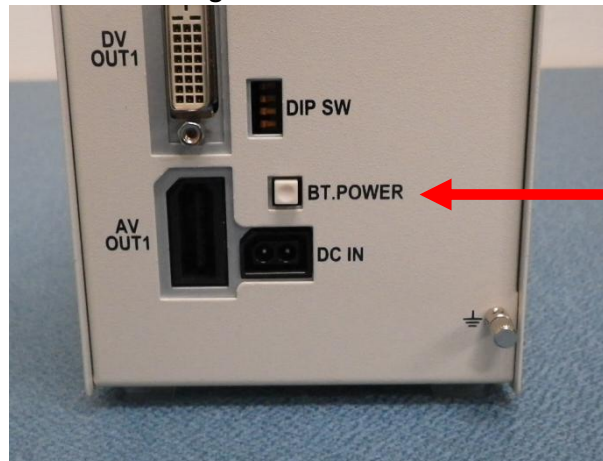
4. Starting the PARTNER-CTR Software

4.1. Turning On the Power to the PARTNER-CTR

Checking BT.POWER

By the factory default, the BT.POWER Button is turned off (released). To use the PARTNER-CTR, press the BT.POWER Button.

Figure 4-1 BT.POWER

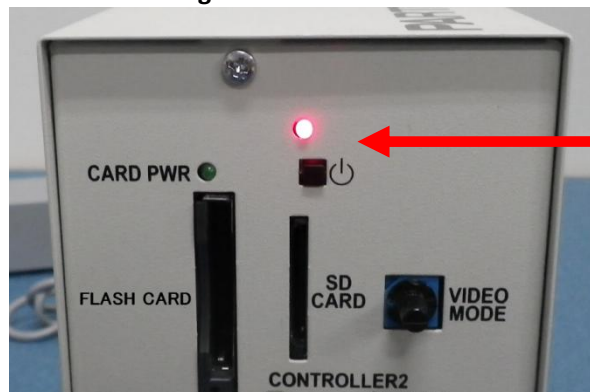


Confirm BT. POWER is on (pressed)

POWER SW

Push the power switch on the front panel, and confirm that the power LED lights up.

Figure 4-2 POWER SW



Confirm the power LED lights up when the power switch is pressed.

Pressing the power switch again or pressing the power switch on the controller for at least 3 to 5 seconds turns on power for the entire system. When the debugger software or the capture software starts, the power of the controller is automatically turned on.

If the main unit cannot be powered on, the game console cannot be powered on, or the debugger does not start up, turn on the BT.POWER switch on the rear panel.

If the unit still does not function correctly, the batteries in the main unit may be dead. See Section 1.4 Changing Batteries.

When the PARTNER-CTR is turned on and is connected to the PC with the USB cable for the first time, or newly connected to a different USB port, the USB driver installation starts.

4.2. Installing the USB Driver for PARTNER-CTR Debugger

The PARTNER-CTR USB driver is automatically installed when the debugger setup procedure is performed using an administrator account.

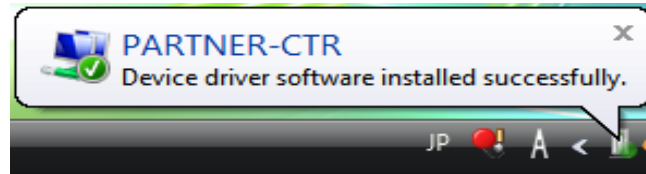
If the setup procedure is performed using a non-administrator account, see Section 5.1 Manually Installing Drivers in Windows Vista and Windows 7 to install

the driver.

Installation in Windows Vista or Windows 7

The USB driver is automatically installed.

Figure 4-3 Installing the USB Driver

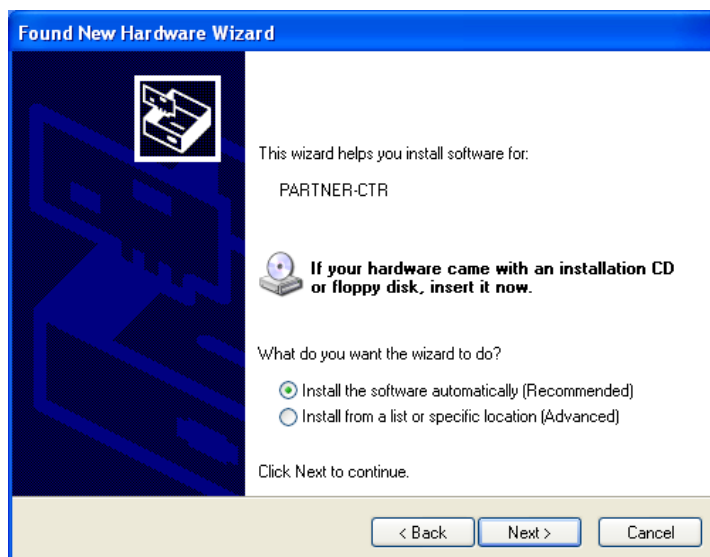


Installation in Windows XP

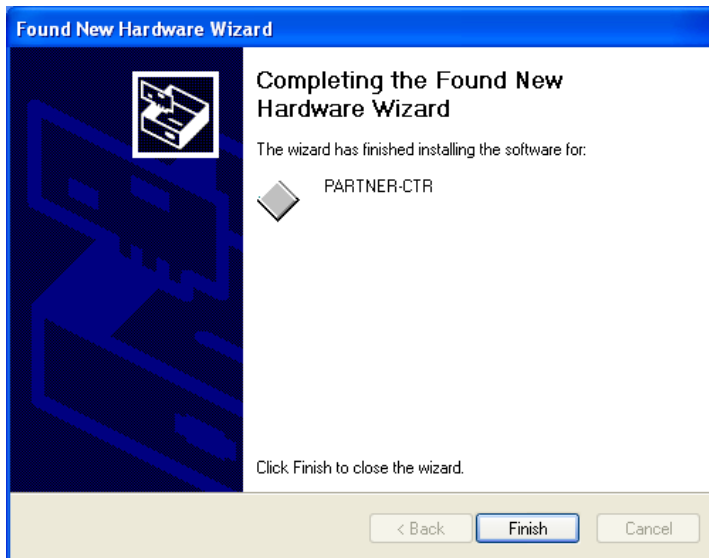
Use the following procedure to install the USB driver in Windows XP.



Select **No, not this time** and click **Next** to continue.



Select **Install the software automatically** and click **Next** to continue.



The USB driver installation is complete.

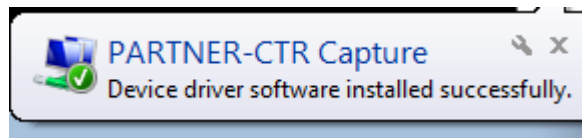
4.3. Installing the USB Driver for PARTNER-CTR Capture

The USB driver for PARTNER-CTR Capture is automatically installed when the debugger setup procedure is performed using an administrator account. If the setup procedure is performed using a non-administrator account, see Section 5.1 Manually Installing Drivers in Windows Vista and Windows 7 to install the driver.

Installation in Windows Vista or Windows 7

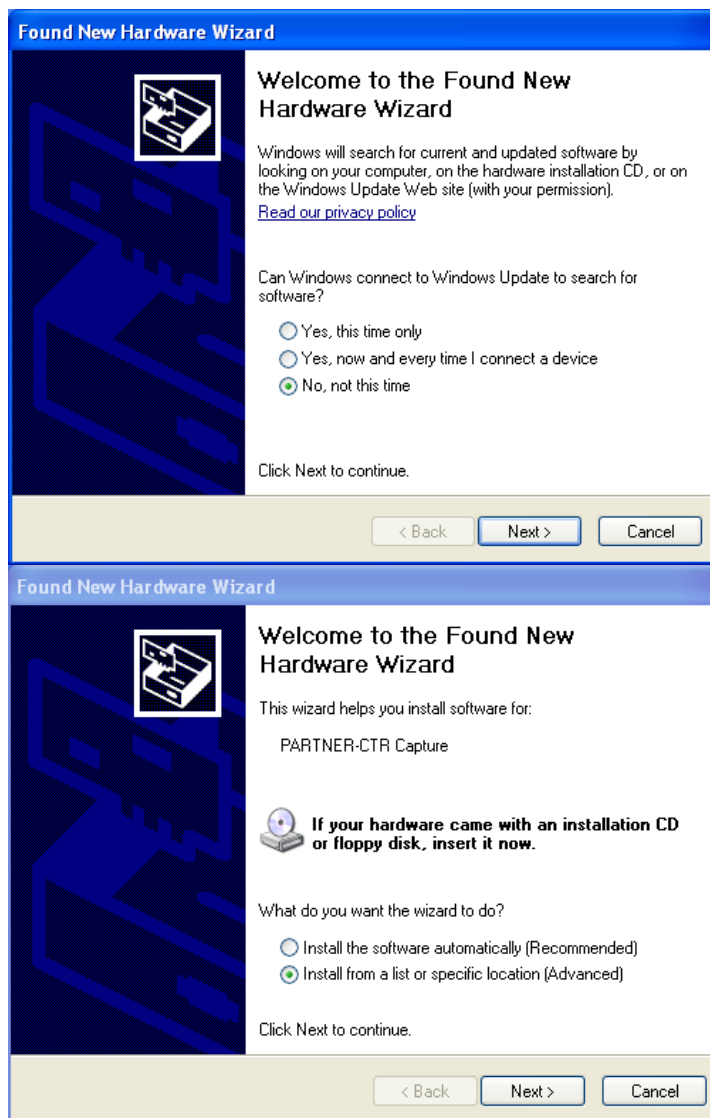
The USB driver is automatically installed.

Figure 4-4 Installing the USB Driver



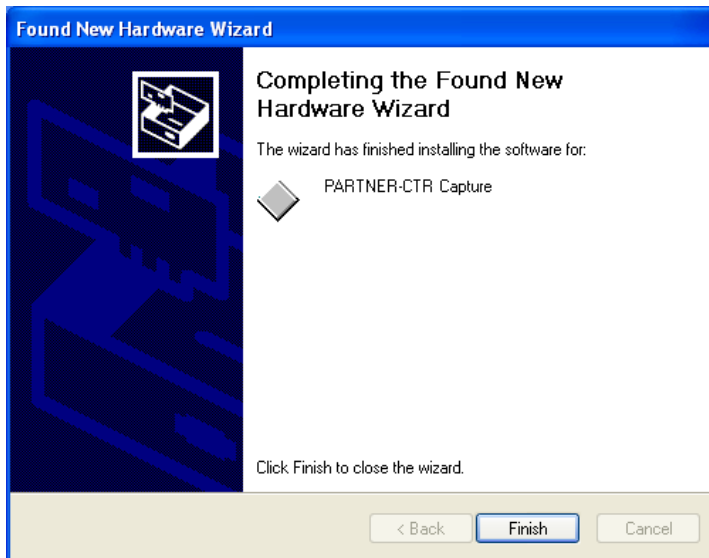
Installation in Windows XP

Use the following procedure to install the USB driver in Windows XP.



Select **No, not this time** and click **Next** to continue.

Select **Install the software automatically** and click **Next** to continue.



The USB driver installation is complete.

4.4. Starting the PARTNER-CTR Debugger Software Using the Shortcut

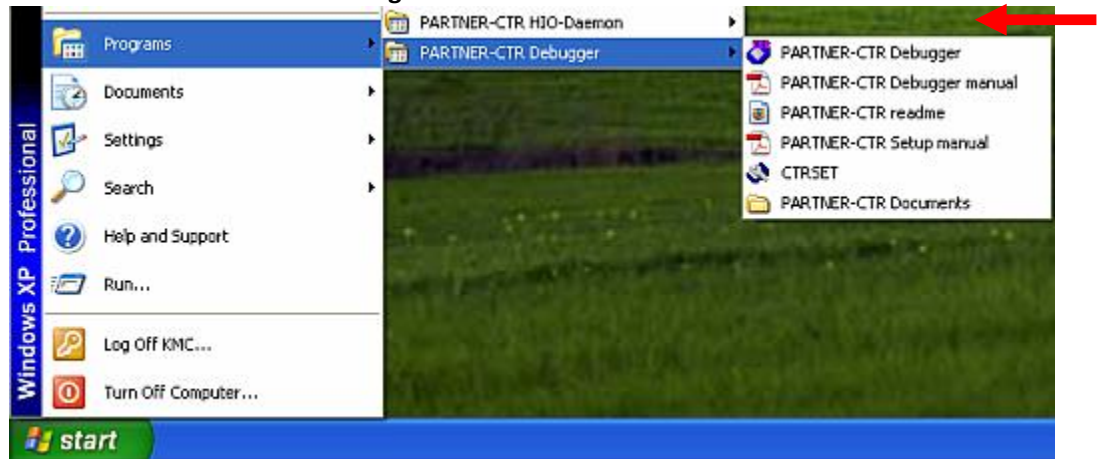
If a single PARTNER-CTR device is connected to your computer, you can start the PARTNER-CTR debugger using a shortcut.

If multiple PARTNER-CTR devices are connected to a single PC see the appendix in the debugger manual after installation.

Starting From the Shortcut

Select **PARTNER-CTR Debugger** from the Start menu to start the software.

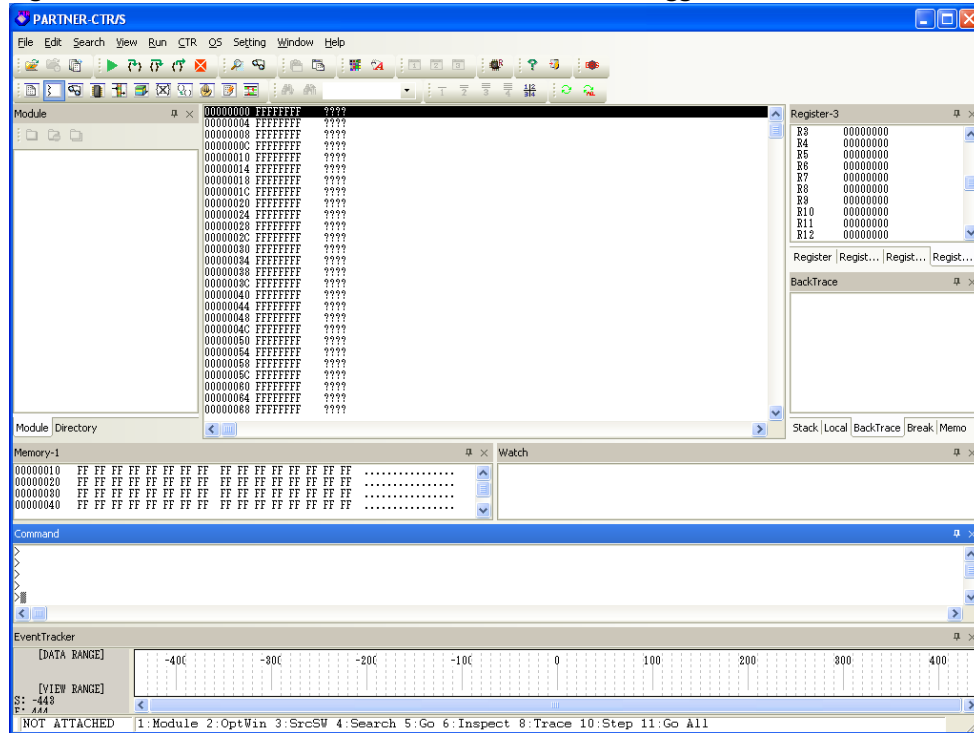
Figure 4-5 Shortcut Location



PARTNER-CTR Debugger Startup Screen

When the PARTNER-CTR debugger is started, the following debugger window appears.

Figure 4-6 PARTNER-CTR Debugger Start Screen



4.5. Starting the PARTNER-CTR Capture Software Using the Shortcut

Starting From the the Shortcut

Select **PARTNER-CTR Capture** from the start menu to start the software.

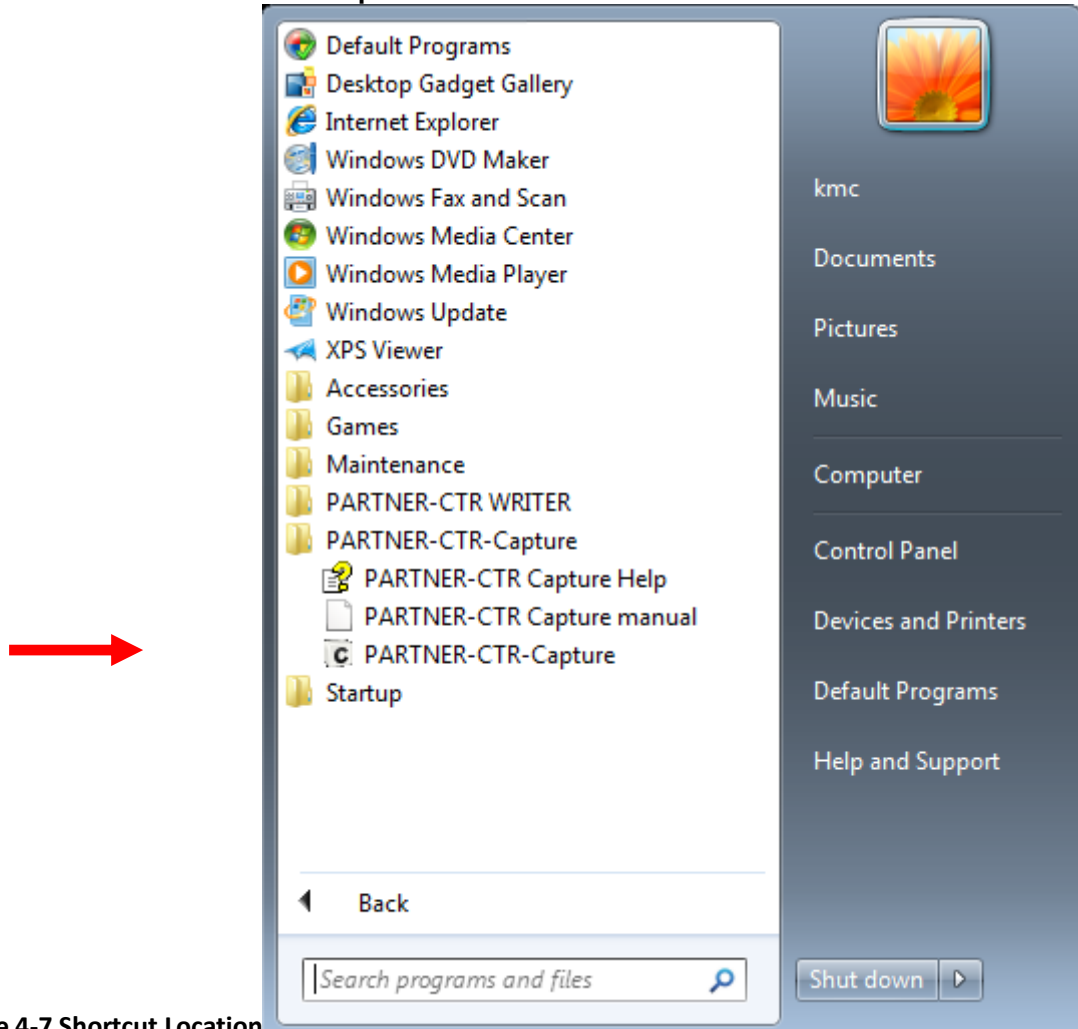
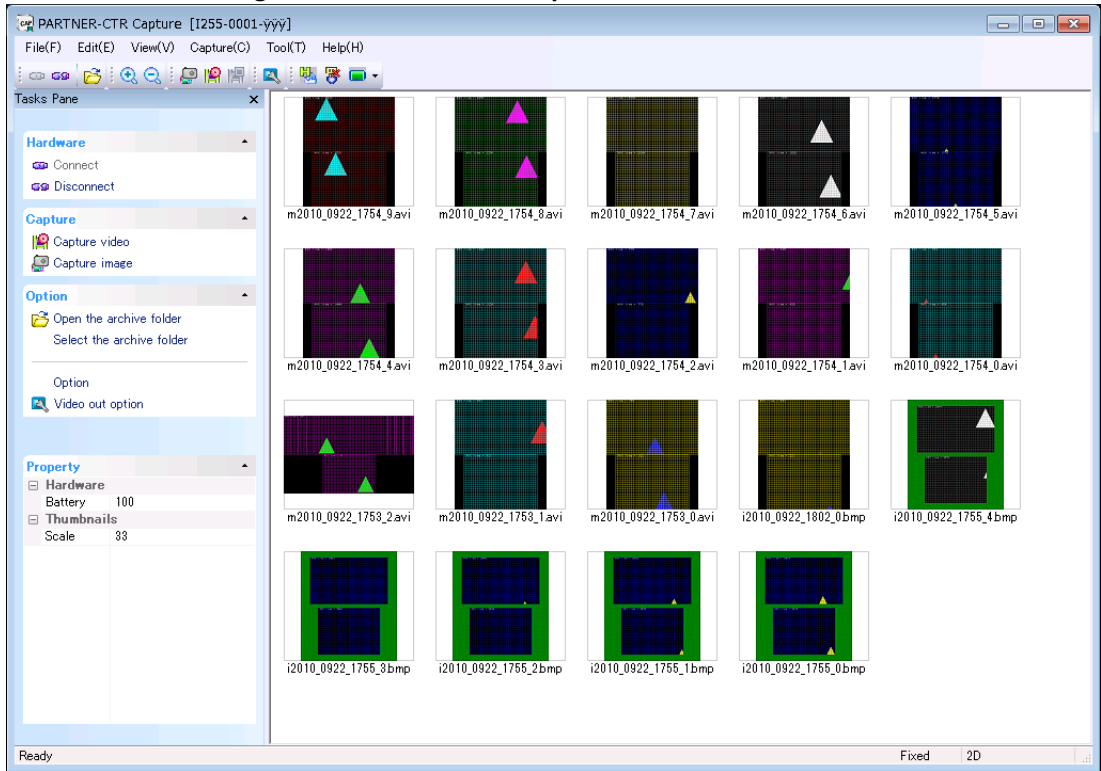


Figure 4-7 Shortcut Location

PARTNER-CTR Capture Software Startup Screen

When PARTNER-CTR Capture starts, the following capture window appears.

Figure 4-8 PARTNER-CTR Capture Software Start Screen



4.6. Turning Off the PARTNER-CTR

Turn off the power to the PARTNER-CTR main unit after quitting the debugger and capture software, except under abnormal conditions.

Turn off the power with a long press of the power switch (about 8 seconds) until the power LED is off.

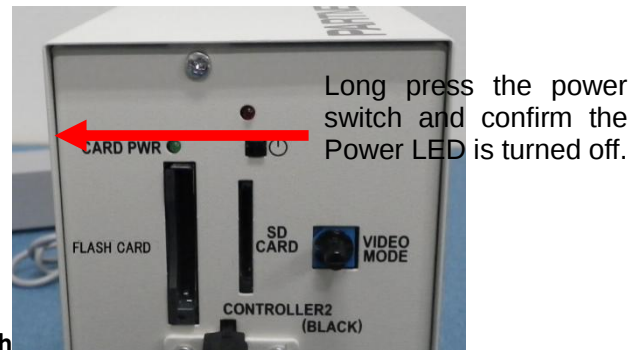


Figure 4-9 Turning Off the Power Switch

Notes: Turning off the main unit in an inappropriate way (such as by pulling out the AC adapter) may cause the target to malfunction when it starts again, because the power-off process is not carried out correctly by the target's control processor. This method also uses up the batteries in the main unit.

In some cases, the unit cannot be turned off by a long press of the power switch (such as when the control processor in the game console goes out of control for some reason). In such cases, hold down the power switch for a longer time (about 15 seconds).

If the unit still cannot be turned off, use the BT.POWER switch on the rear panel to turn off the unit.

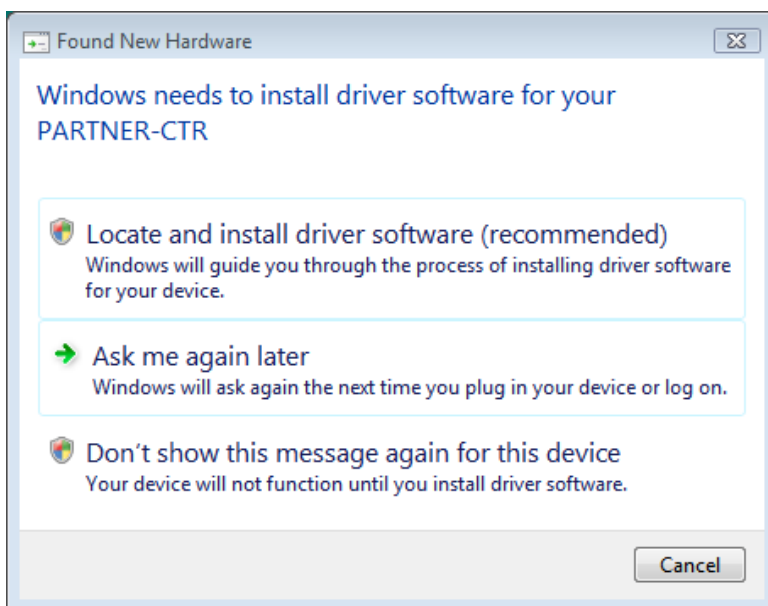
5. Appendix

5.1. Manually Installing the USB Driver

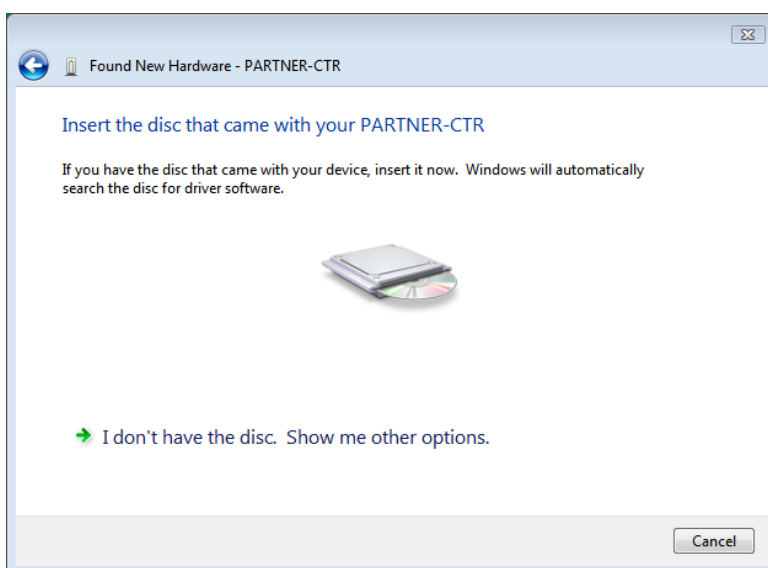
If the USB driver was not automatically installed, use the following procedure to manually install the USB driver for the PARTNER-CTR. To start the installer, connect the PARTNER-CTR to the PC with the USB cable using, Chapter 2 Connecting the PARTNER-CTR for reference, and then turn on the hardware.

Note: The debugger and capture programs each use a different driver. Use the appropriate driver for each program.

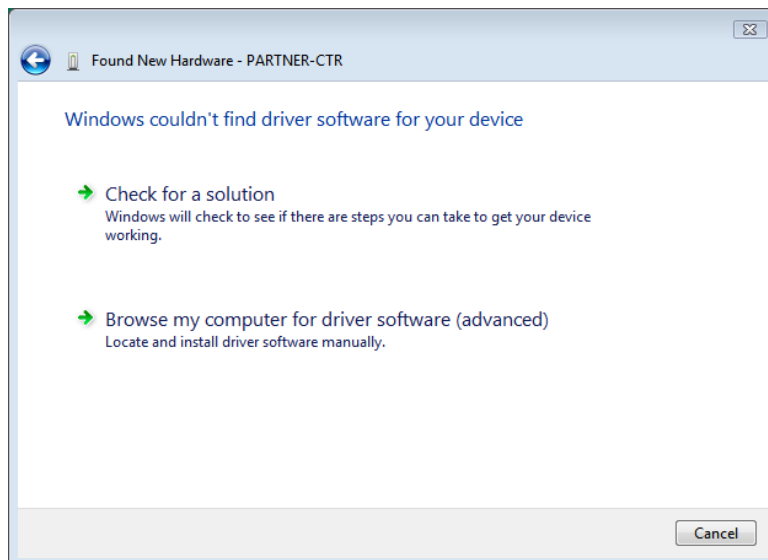
Manually Installing Drivers in Windows Vista and Windows 7



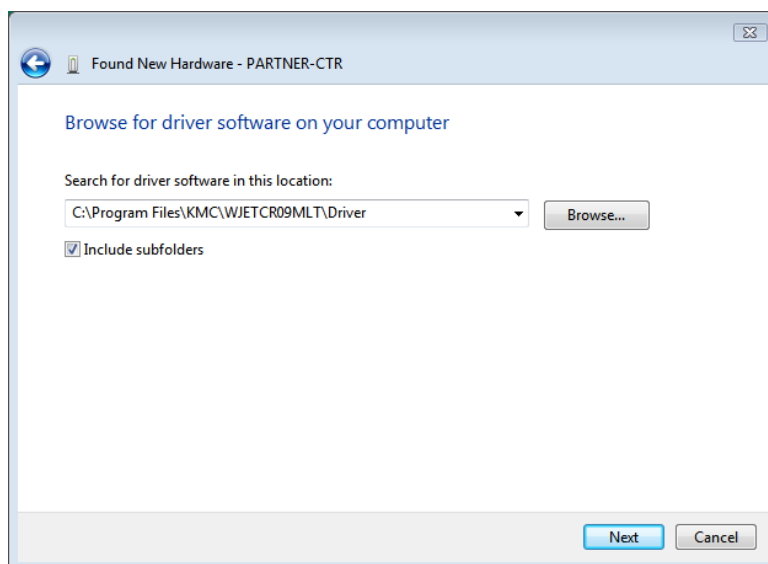
When PARTNER-CTR is detected by the operating system, the dialog box shown on the left appears. To proceed, click **Locate and install driver software**.



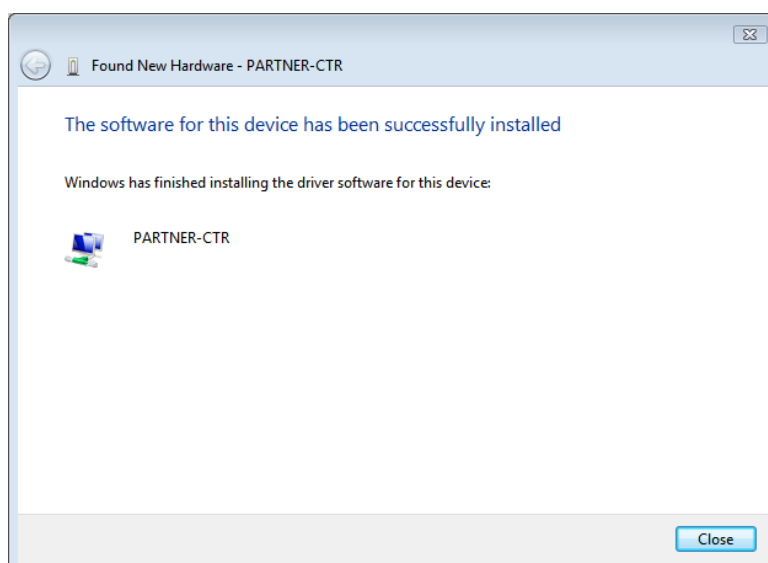
Select **I don't have the disc. Show me other options**.



Click **Browse** my computer for driver software



Specify the Driver folder (Note 1) that is located in the installation folder created in Installing / Uninstalling PARTNER-CTR Software, and then click **Next** to continue.



If the USB driver is installed successfully, you see the screen shown on the left.

Note 1 The default installation folder of the PARTNER-CTR Debugger and

PARTNER-CTR Capture software differs depending on the user account used during installation.

Administrator Account

PARTNER-CTR Debugger: C:\Program Files\KMC\WJETCTR09S

PARTNER-CTR Capture: C:\Program Files\KMC\PTCTRCap

Normal User Account]

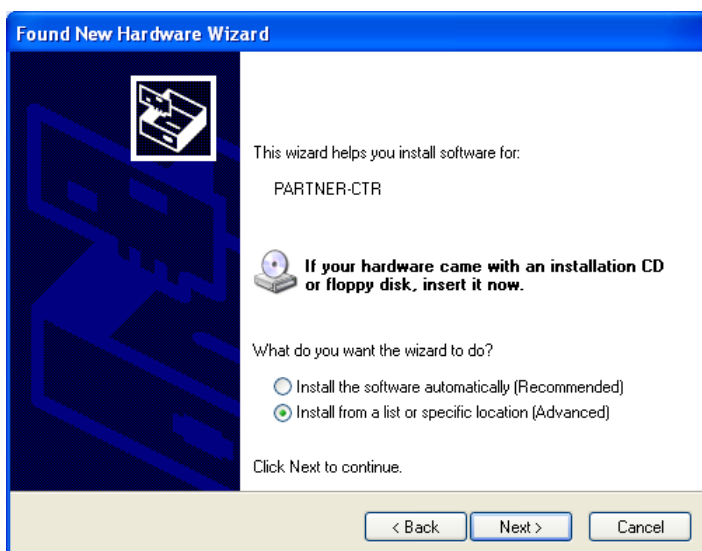
PARTNER-CTR Debugger: C:\Users\User
Name\AppData\Roaming\KMC\WJETCTR09S

PARTNER-CTR Capture: C:\Users\User
Name\AppData\Roaming\KMC\PTCTRCap

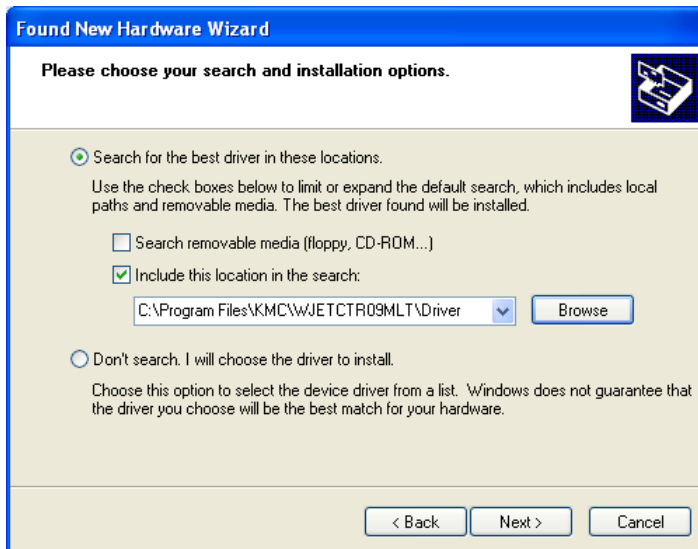
Manually Installing Drivers in Windows XP



Select **No, not this time** and click **Next** to continue.



Select **Install from a list or specific location** and then click the **Next** to continue.



Select **Search for the best driver in these locations**, and then select **Include this location in the search**. Select the **Driver** folder (**Note 2**) in your **PARTNER-CTR** installation directory, and then click **Next** to continue.



If the USB driver is installed successfully, the screen shown on the left is displayed.

Note 2 The default installation folder of the PARTNER-CTR/S and PARTNER-CTR Capture software differs depending on the user account used during installation.

Administrator Account

PARTNER-CTR Debugger: C:\Program Files\KMC\WJETCTR09S

PARTNER-CTR Capture: C:\Program Files\KMC\PTCTRCap

Restricted Account

PARTNER-CTR Debugger: C:\Documents and Settings\User Name\Application Data\KMC\

WJETCTR09S

PARTNER-CTR Capture: C:\Documents and Settings\User Name\Application Data\KMC\

PTCTRCap

5.2. If the PARTNER-CTR Debugger Software Does Not Start

If the PARTNER-CTR debugger software failed to start, one of the following messages appears. Take an appropriate measure according to the message displayed. If no message is displayed and the PARTNER-CTR debugger software does not start, turn off the PARTNER-CTR main unit, and then turn on the PARTNER-CTR again to see if it starts up successfully.

Can't connect PARTNER-CTR

If this message is displayed, set a longer timeout value (see the appendix of the debugger manual) or turn off the PARTNER-CTR, turn on the PARTNER-CTR again, and then restart the debugger.

Cannot find unused PARTNER-CTR on USB Bus. If exists, please press its reset switch.

This message is displayed if an unused PARTNER-CTR could not be found on the USB bus of the PC.

Make sure that the PARTNER-CTR is connected via USB, the PARTNER-CTR is turned on, and the other debugger has already been connected.

Try restarting the debugger software by either turning off and then turning on the power, or by pressing the reset switch.

If the serial number of the PARTNER-CTR is specified as PORT ADDRESS in the CFG file, make sure that the specified serial number matches the actual serial number of the PARTNER-CTR main unit.

Hang Up Target CPU

This message is displayed when the communication between the target and debugger is interrupted for some reason. It could be caused by a reset that is input to the target CPU. Restart the PARTNER-CTR.

Wrong configuration file (JETCTR09.CFG) format

This message is displayed if there is an error with a field in the CFG file. The line with the error is also displayed. If this problem occurs, correct the value in the field indicated by the message.

Not found Configuration file (JETCTR09.CFG)

This message indicates that a CFG file could not be found in the project directory. Normally, when a new project is created using the CTRSET_S icon, JETCTR09.CFG is copied to the project directory. Create a new project to reconfigure the CFG file.

Can't Open JETCTR09S.JPX.

This message is displayed when the project file (JETCTR09S.JPX) required by PARTNER-CTR/S could not be found in the project directory.

Not found hardware config-file (JET_CTR09.HWF).

This message is displayed when the hardware definition file (JET_CTR09.HWF) could not be found in the same directory as the WJETCTR09S.EXE executable that was run. If this problem occurs, try reinstalling the PARTNER-CTR software.

Hardware configuration error.

If this message is displayed, the hardware definition file (JET_CTR09.HWF) might be corrupted.

Try reinstalling the PARTNER software. If this message is displayed repeatedly, there might be a problem with your PARTNER-CTR hardware or the power supply.

Hardware trouble. Please check DIPSW,CABLE,CONNECTOR and etc.

If this message is displayed, try power-cycling the PARTNER-CTR. If this message is displayed repeatedly, there might be a problem with your PARTNER-CTR hardware or the

power supply. Contact the support team.

6. Specification

6.1. Product Specification

Product Name	PARTNER-CTR Debugger	PARTNER-CTR Capture	PARTNER-CTR Capture Debugger
Slot	CTR Flash Card slot x 1 / SD Card slot x 1		
Video output	-	Digital: DVI x 2 Analog: NTSC(or PAL) x 1 (NTSC and PAL can be switched by software.)	
Host interface	USB2.0		USB2.0 x 2
Power source	DC12V (AC adapter included)		
Dimensions (Main unit)	Width 91.8 mm x Length 247.0 mm x Height 165.3 mm (excluding projections)		
Dimensions (Controller)	Width 135 mm x height 100 mm x thickness 20 mm (maximum) when closed		
Weight (Main unit)	2000 g	2110 g	2240 g
Weight (Controller)	200 g		
Operating environment (Main unit, controller)	Temperature 5°C – 35°C, Humidity 85% RH or lower (no condensation)		
Cable length	100 cm		
Applicable standards	FCC PART15 SUBPART B CLASS A FCC PART15 SUBPART C ICES-003 CLASS A EN301489-1 / EN301489-17 / ETSI EN300328 EN55022 / EN55024 / EN61000-3-2 / EN61000-3-3 EN60950-1 AS/NZS CISPR22 CLASS A		

Table 3 PARTNER-CTR Product Specification

PARTNER-CTR Setup Manual

4th Edition, Issued in May 2015



KYOTO MICRO COMPUTER Kyoto Microcomputer Co., Ltd.